



## Management and Supervision



**ENGE**CORPS  
GrupoTYPISA

ENGE CORPS Engineering S.A. is a consulting company whose mission is to develop projects, seeking to optimize the benefits generated by engineering services, without losing sight of its commitment to social and economic development. Founded in 1990, ENGE CORPS has been continuously participating in various projects, always standing out for its quality and innovative solutions in the various segments in which it operates. This makes it one of the leading companies in quality and competition within the Brazilian market.

In 2009 it was incorporated by the TYPISA Group, which is one of the European consultancies with the most experience in the development of infrastructure projects. Since its foundation in 1966, the group has been participating in the development of activities such as planning, projects, supervision and management of important works and investments in the civil field, such as architecture, renewable energy and the environment, in Europe, America, Africa, Middle East, Asia and Oceania.

The ENGE CORPS Quality Management System, which brings together the concepts of good corporate governance, complies with the ABNT ISO 9001:2015 standard and is certified by Vanzolini Foundation. ENGE CORPS also has an Integrity Management System, which follows the guidelines of the TYPISA Group, with the necessary adaptations to the legal requirements in Brazil. With this system, ENGE CORPS adopts self-regulation measures for ethical and legal behavior in its governance, mainly including its business prospecting processes and the execution of its work.

The company's experience, together with the great technical solidity of its professionals, allows the company to operate at different levels of consulting engineering, such as planning and management studies, feasibility studies, design studies, basic and final designs, technical monitoring of works, projects as built - "as built", project quality certification and management and supervision of programs, projects and enterprises in the sectors:

## areas of expertise



water resources  
and hydraulic works



sanitation and  
environment



buildings  
and airports



energy  
and mining



highways, metros  
and railways



ports and  
waterways

ENGE CORPS has tools and software from the Autodesk AEC Collection, containing AutoCAD, AutoCAD Plant 3D, Civil 3D, Revit, Navisworks, InfraWorks 360, Inventor, among others, in their latest available versions (2020 or 2021). It should be noted that the company has been developing projects on the BIM Platform since 2014.

# Program and works management | main PROJECTS

- Management of the Program of Works for the Decontamination of the River Tietê.  
*Basic Sanitation Company of the State of São Paulo - SABESP*
- Management of the Santo André Urban Mobility Program.  
*Municipal Government of Santo André, SP*
- Management of the Tietê-Paraná Waterway Works Program.  
*Waterway Department of the Secretary of State for Logistics and Transportation of the State of São Paulo*
- Project Management of the SIRIUS Synchrotron Particle Accelerator.  
*National Center for Research in Energy and Materials - CNPEM, Campinas, SP*
- Management of the Works of the Santander Data Processing Center.  
*Santander Bank, Campinas, SP*
- Management of the Modernization Works of the TESC and WRC Terminals.  
*TESC Terminal Santa Catarina S/A, SC*
- Management of the Environmental Recovery Works of the Uberaba River.  
*Municipal Government of Uberaba, SP*
- Owner's Engineering for the Belo Monte Hydroelectric Plant Works.  
*Norte Energia S.A., Altamira, PA*
- Management, Review and Update of Studies, Engineering Projects and Work Supervision of the Las Placetas Hydroelectric Project.  
*Dominican Hydroelectric Generation Company - EGEHID, Dominican Republic*

management



DR 11 - Araçatuba



Espigão Mountain Range



Babilônia Wind Farm



SP-191



# supervision

## supervision of works | main PROJECTS

- Supervision of Works of SP-147 and SP-191.  
*Intervias - ARTERIS - SP*
- Environmental and Social Supervision of Improvement Works in SP-250.  
*Department of Roads - DER-SP*
- Supervision of the Installation Works of the Babilônia Wind Farm.  
*EDP Renováveis Brasil S.A., BA*
- Supervision of the Slope Containment Works of the Espigão Mountain Range - BR-101.  
*Highway Planalto Sul - ARTERIS, SC*
- Support to the Supervision of the Execution of the Port Palmira-Uruguay.  
*TYPSA ESPAÑA - Técnica y Proyectos, S.A.*
- Supervision of the Alto Tietê Sedimentation Works.  
*Department of Water and Electric Power - DAEE, SP*
- Supervision of the Jequitá I Dam Works.  
*Development Company of São Francisco and Parnaíba River Valleys - CODEVASF, MG*
- Supervision of the Rehabilitation Works of Neighborhood Roads - Pro Neighborhood roads - 3rd Stage of the State of São Paulo.  
*Department of Roads - DER-SP*
- Supervision of the Rehabilitation Works of Neighborhood Roads - Pro Neighborhoods 4th Stage of the State of São Paulo.  
*Department of Roads - DER-SP*
- Supervision and Management of the East West Integration Railway Works.  
*VALEC- Engenharia, Construções e Ferrovias S.A., BA*
- Supervision of the Execution Works of the Tramandaí Wind Farm.  
*EDP Renováveis Brasil S.A., RS*
- Technical and Environmental Supervision of Road Works in São Paulo, DR11 – Araçatuba.  
*Department of Roads - DER-SP.*

# GIO – TYPESA BIM PM Works Management System

ENGENCORPS uses the Gio-TYPESA Bim from the Typsa Group to develop its work:



## Web Application

Friendly interface, which operates on a database and cartographic elements, seeking to facilitate various tasks related to information management.



## 24/7

Full and immediate availability of data to users through a secure credential system over the Internet or intranet.

## BIM

### BIM Model

The tool has the capacity to integrate BIM models adapted to any need and area of activity. This allows referencing information, not only in space, but also within what is going to be built.



## Windows Environment

It works via the Web from any Internet browser. It contains all types of files (dwg, xls, doc, pdf, etc.) as long as the user has the appropriate software.



It has a Geographic System with integrated location. Relates the information contained in the database with specific places in an environment.

## Advantages

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**Report Issuing** | photographs, summaries or daily reports of the works, by dates, by incidents, by location. Possibility of integrating PPI's.



**Quick generation of final reports** | It considerably facilitates the work carried out later in the office, limiting it to formats, covers and reprints.



**Documents Library** | allows you to organize, filter, search for documents in an effective, fast and versatile way.

In addition, it is possible to view the most relevant aspects of each document.

It allows you to relate documents to each other and manage their distribution through emails to different distribution lists.

Facilitates collaborative work.



**Queries** | Efficient tool for searching and collecting data. Summary of the progress of the work and its cost.



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